

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat exchange circuit arrangement for a motor vehicle which comprises a turbocharger, the circuit arrangement comprising: [[with]] a low temperature circuit for [[the]] cooling [[of]] charging air in [[a]] the motor vehicle ~~comprising a turbocharger~~ and an engine cooling circuit for cooling an engine, wherein the low temperature circuit can be temporarily coupled to the engine cooling circuit in such a way that coolant can pass from one circuit into the other circuit and back.

2. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 1, wherein a feedline between the engine cooling circuit ~~[[3]]~~ and the low temperature circuit is provided.

3. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 2, wherein the feedline leads from an engine thermostat, arranged in the engine cooling circuit downstream of the engine, as seen in the flow direction, to a mixed thermostat integrated into the low temperature circuit.

4. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 3, wherein a feedback line is arranged between the mixed thermostat and the engine thermostat.

5. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 2, wherein the mixed thermostat is an expansion thermostat or an electrically or pneumatically actuable valve.

6. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 1, wherein, during the warm-up of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

7. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 1, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

8. (Currently Amended) The method as claimed in claim 6, wherein warm coolant from the engine cooling circuit [(3)] is used for the heating of charging air in the charging-air/coolant cooler [(12)].

9. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 3, wherein the mixed thermostat is an expansion thermostat or an electrically or pneumatically actuable valve.

10. (Currently Amended) The heat exchange circuit arrangement as claimed in claim 4, wherein the mixed thermostat is an expansion thermostat or an electrically or pneumatically actuable valve.

11. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 2, wherein, during the warm-up of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

12. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 3, wherein, during the warm-up of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

13. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 4, wherein, during the warm-up of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

14. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 5, wherein, during the warm-up of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

15. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 2, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

16. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 3, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

17. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 4, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

18. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 5, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

19. (Currently Amended) A method for operating a heat exchange circuit arrangement as claimed in claim 6, wherein, in the warm state of the engine, coolant flows out of the engine cooling circuit into the low temperature circuit.

20. (Previously Presented) The method as claimed in claim 7, wherein warm

coolant from the engine cooling circuit is used for the heating of charging air in the charging-air/coolant cooler.